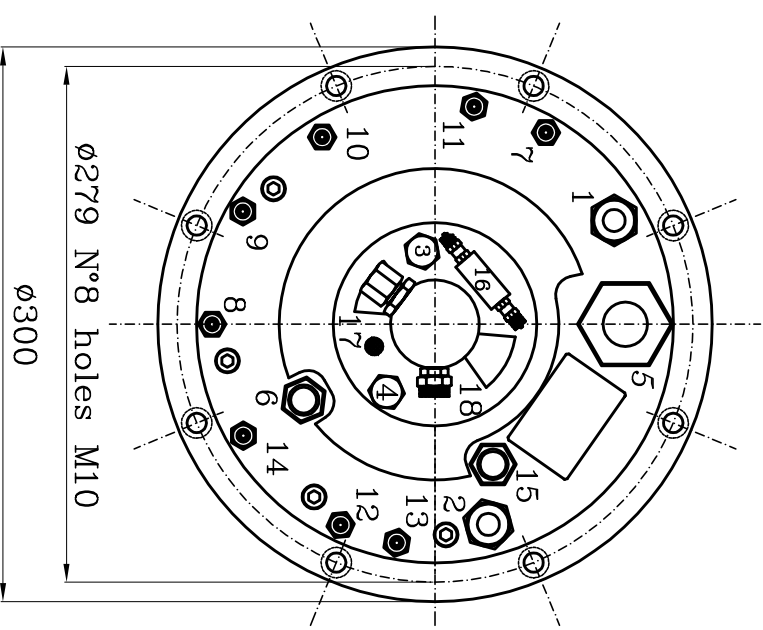



- 1 – Coolant inlet (G1/2")
  - 2 – Coolant outlet (G1/2")
  - 3 – Hydraulic pressure unclamping tool (50bar max) (G1/4")
  - 4 – Hydraulic pressure clamping tool (50bar max) (G1/4")
  - 5 – Electric connection  
3Phases motor – Earth
  - 6 – Outlet sensor's cables (S1-S2)  
(Vearn VPT01W14-12P/VPT 06W14-12S)  
S1 = Tool's arbor clamped.  
S2 = Piston under pressure ready to receive tools arbor.  
The electrospindle can not turn.
- Themich sensor bearings
- 7 – Front-side pressurization (G1/8")
  - 8 – Tool cooling (G3/8")
  - 9 – Front bearings lubrication 1 (G1/8")
  - 10 – Front bearings lubrication 2 (G1/8")
  - 11 – Rear bearings lubrication 1 (G1/8")
  - 12 – Unloading lubrication bearings (G1/8")
  - 13 – Rear bearings lubrication 2 (G1/8")
  - 14 – Front bearings lubrication 3 (G1/8")
  - 15 – Outlet encoder's cables (Gel 244 KN)  
Motor themich switch (N°2 KTY)  
(6FX2 003-1CF17/6FX 003-0CF17)
  - 16 – Rear-side pressurization
  - 17 – Tool's lubro refrigerant inlet by rotary joint (G1/4")  
+ inlet air arbor's cleaning
  - 18 – Rotary joint leakage outlet



	SUBJECT : PS TCV-9 CUSTOMER :
SHEET : 2/3	DATE : 27/01/2006